

Report No.:

Test Time: 2022/8/29 10:39

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: PNP240MWH

Luminous Length (mm): 435

Luminous Height (mm): 22

Current: 0.493 A

Power Factor: 1.000

Luminaire Description: PNP240MWH

Luminous Width (mm): 23

Voltage: 24.0 V

Power: 11.82 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1037.1 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H155.1,H104

Vertical Diffuse Angle(10%,50%): V157,V105.3

Luminaire Efficacy Rating (LER): 88

Max. Intensity: 402.33 cd

Total Rated Lamp Lumens: 1037.1 lm

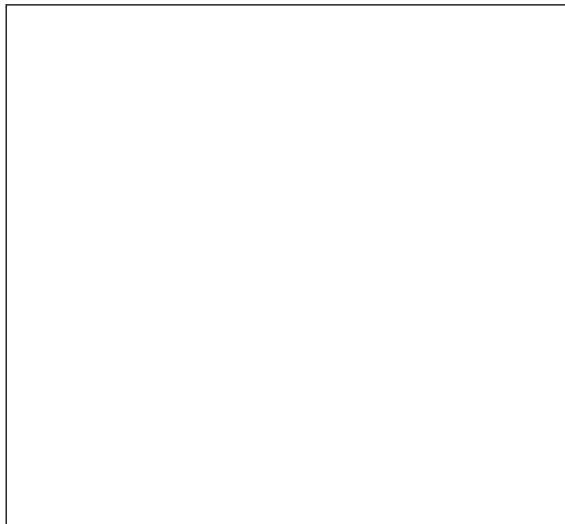
Efficiency: 100%

Upward Ratio: 1%

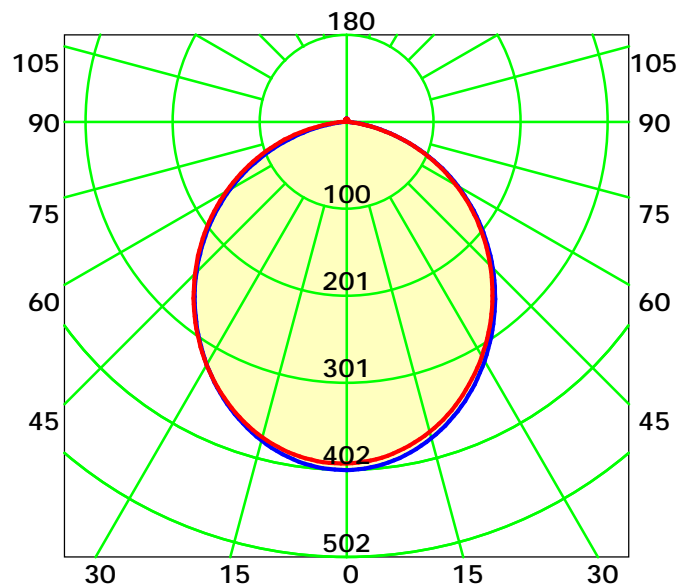
Central Intensity: 402.32 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 104.6° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

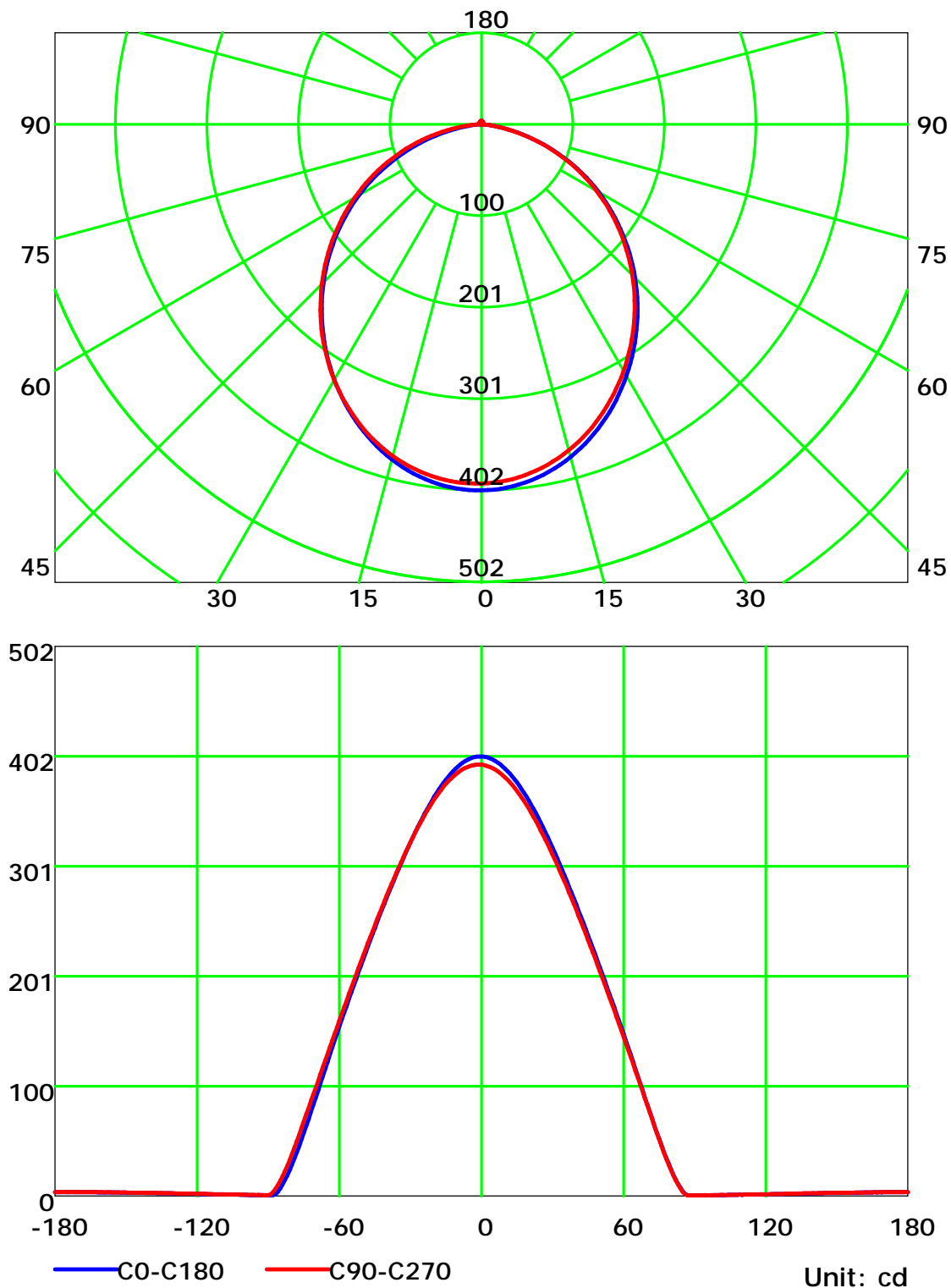
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

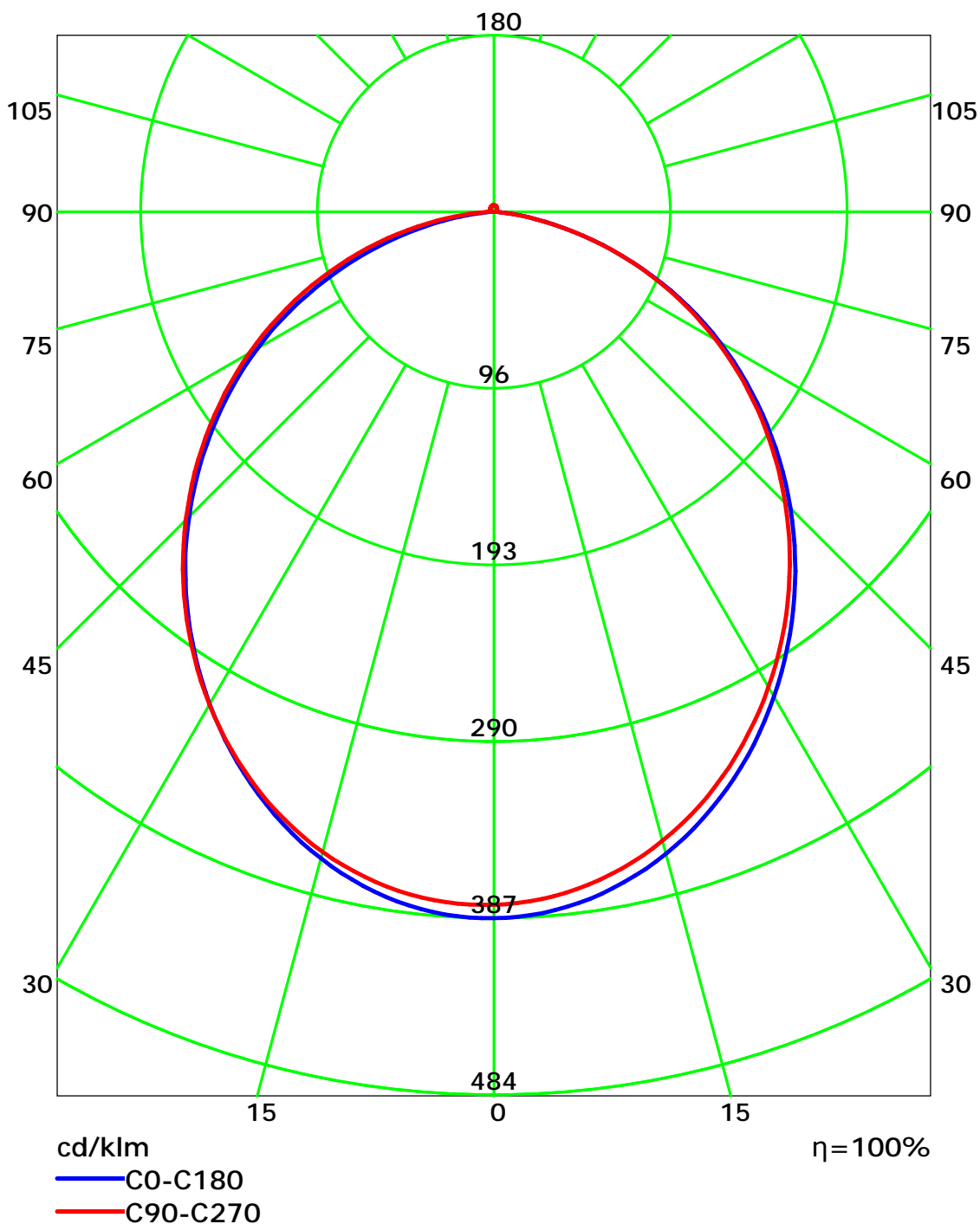
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

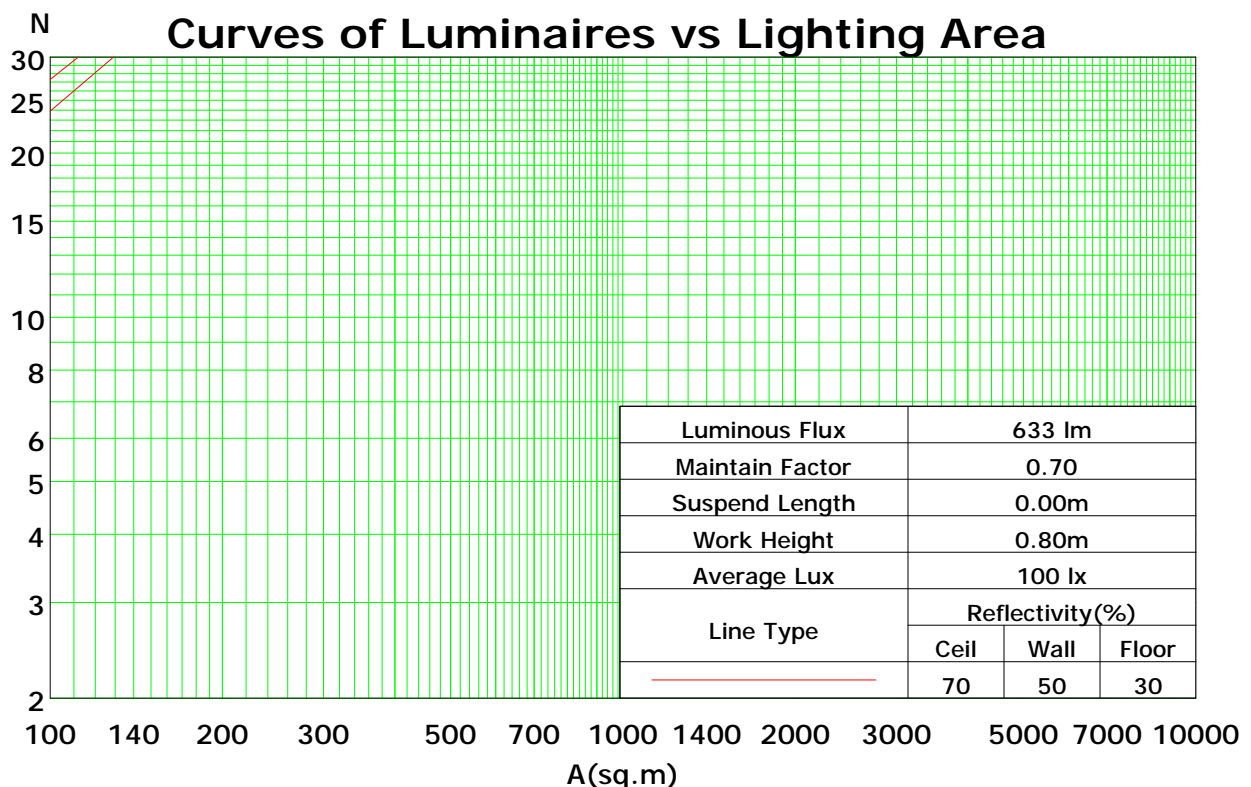
Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	109	104	100	97	106	102	98	95	98	95	92	93	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	81	76	82	78	74	79	76	72	70
3	91	80	73	66	88	79	71	66	76	69	64	73	67	63	70	66	62	60
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	57	53	51
5	77	64	55	49	74	63	55	48	61	53	48	58	52	47	56	51	46	44
6	71	58	49	43	69	57	48	42	55	47	42	53	46	41	51	45	41	39
7	66	52	44	38	64	52	43	38	50	43	37	48	42	37	47	41	36	34
8	61	48	39	34	60	47	39	34	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	36	30	42	35	30	41	34	30	40	34	30	28
10	54	41	33	28	52	40	33	27	39	32	27	38	32	27	37	31	27	25

Spacing Criteria (0-180): 1.19

Spacing Criteria (90-270): 1.20

Spacing Criteria (Diagonal): 1.30



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

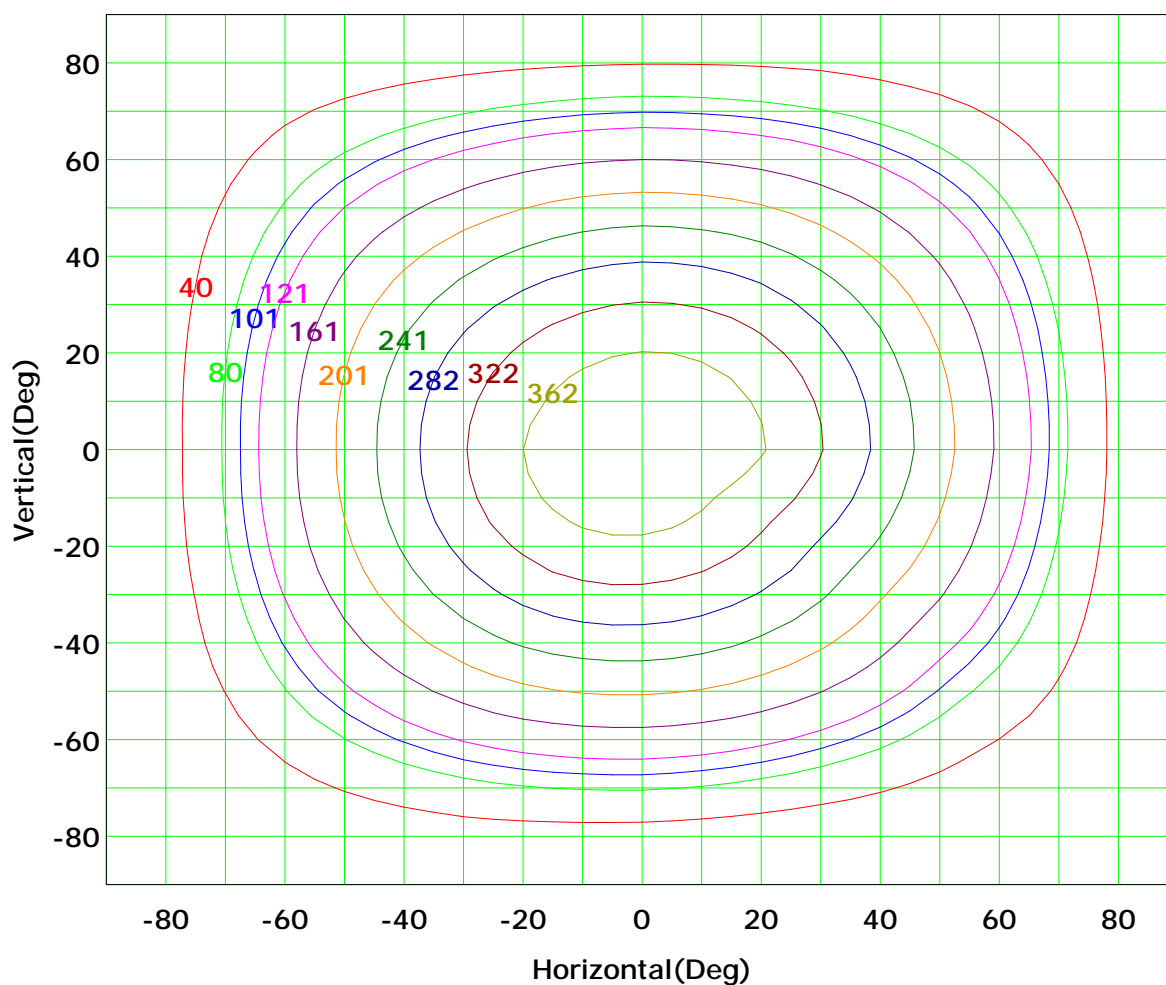
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



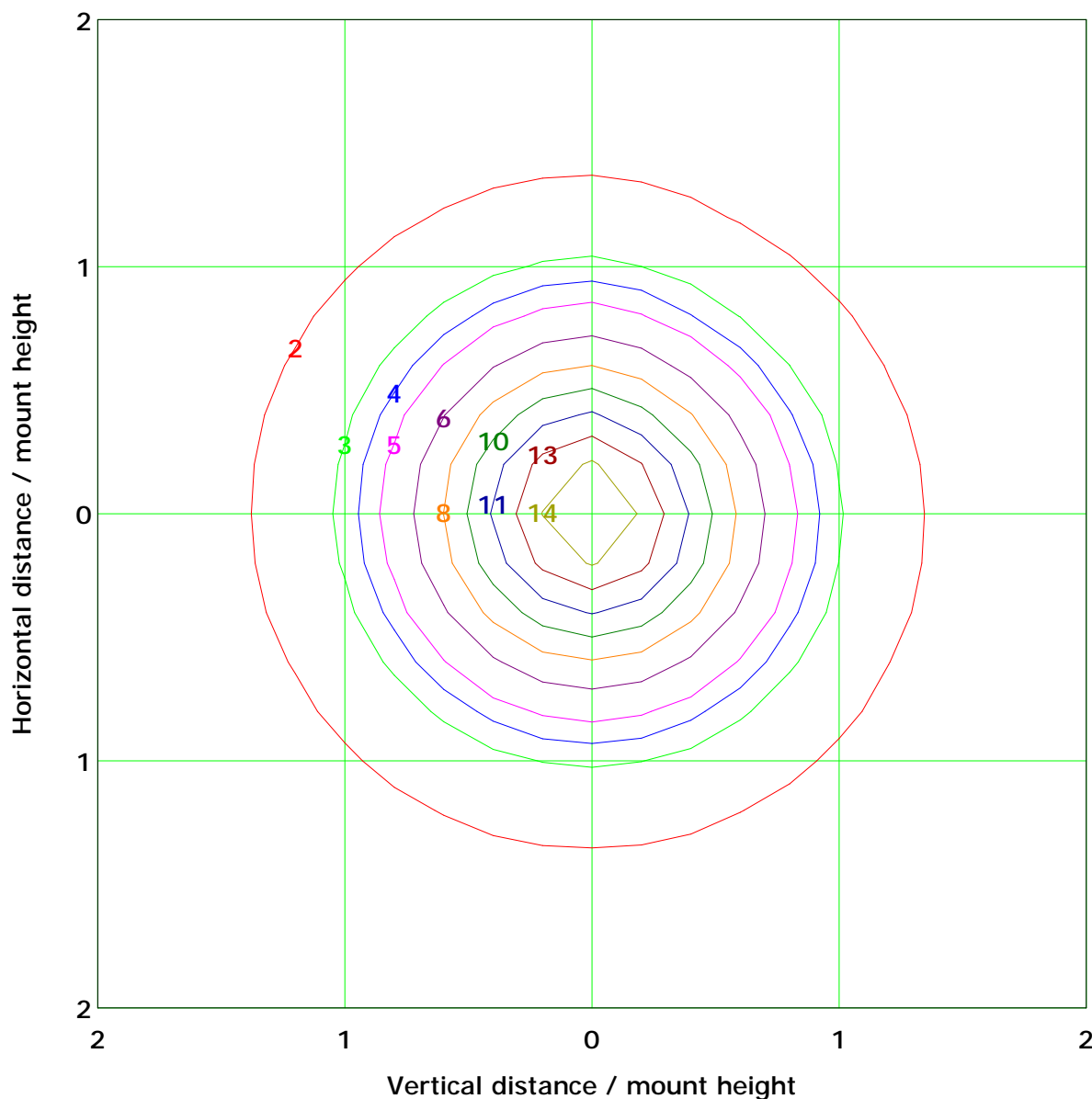
I_{max} (100%): 402 cd

(10%): 40 cd	(20%): 80 cd
(25%): 101 cd	(30%): 121 cd
(40%): 161 cd	(50%): 201 cd
(60%): 241 cd	(70%): 282 cd
(80%): 322 cd	(90%): 362 cd

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

IsoLux Plot



Mounting Height: 5.0m		Max Lux(100%): 16.1 lx	
(10%):	1.6 lx	(20%):	3.2 lx
(25%):	4.0 lx	(30%):	4.8 lx
(40%):	6.4 lx	(50%):	8.0 lx
(60%):	9.7 lx	(70%):	11.3 lx
(80%):	12.9 lx	(90%):	14.5 lx

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

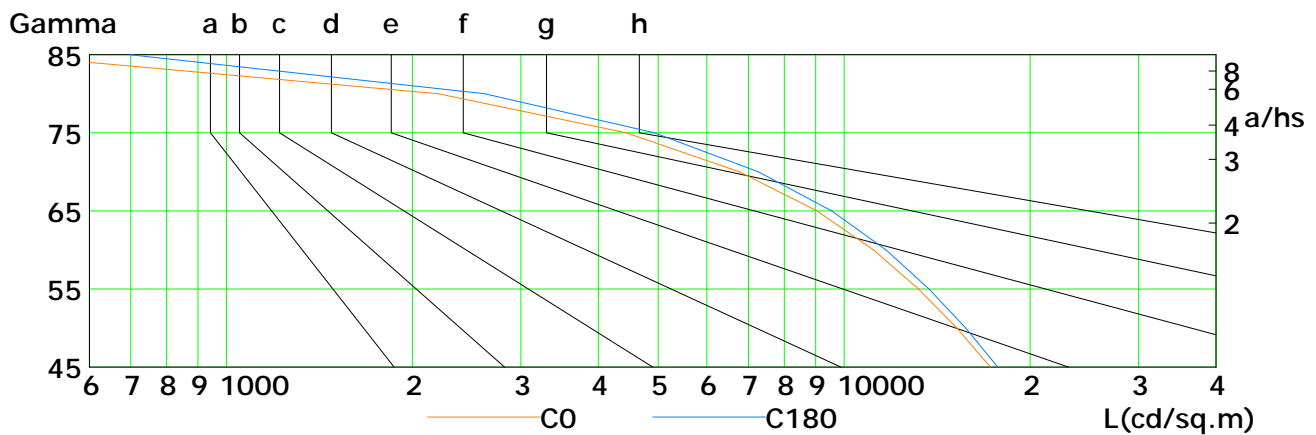
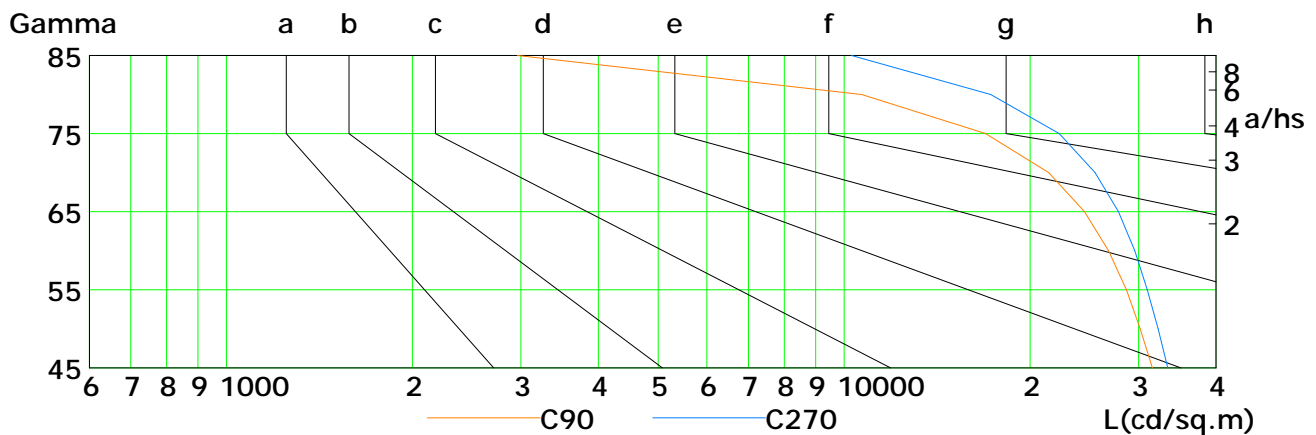
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h

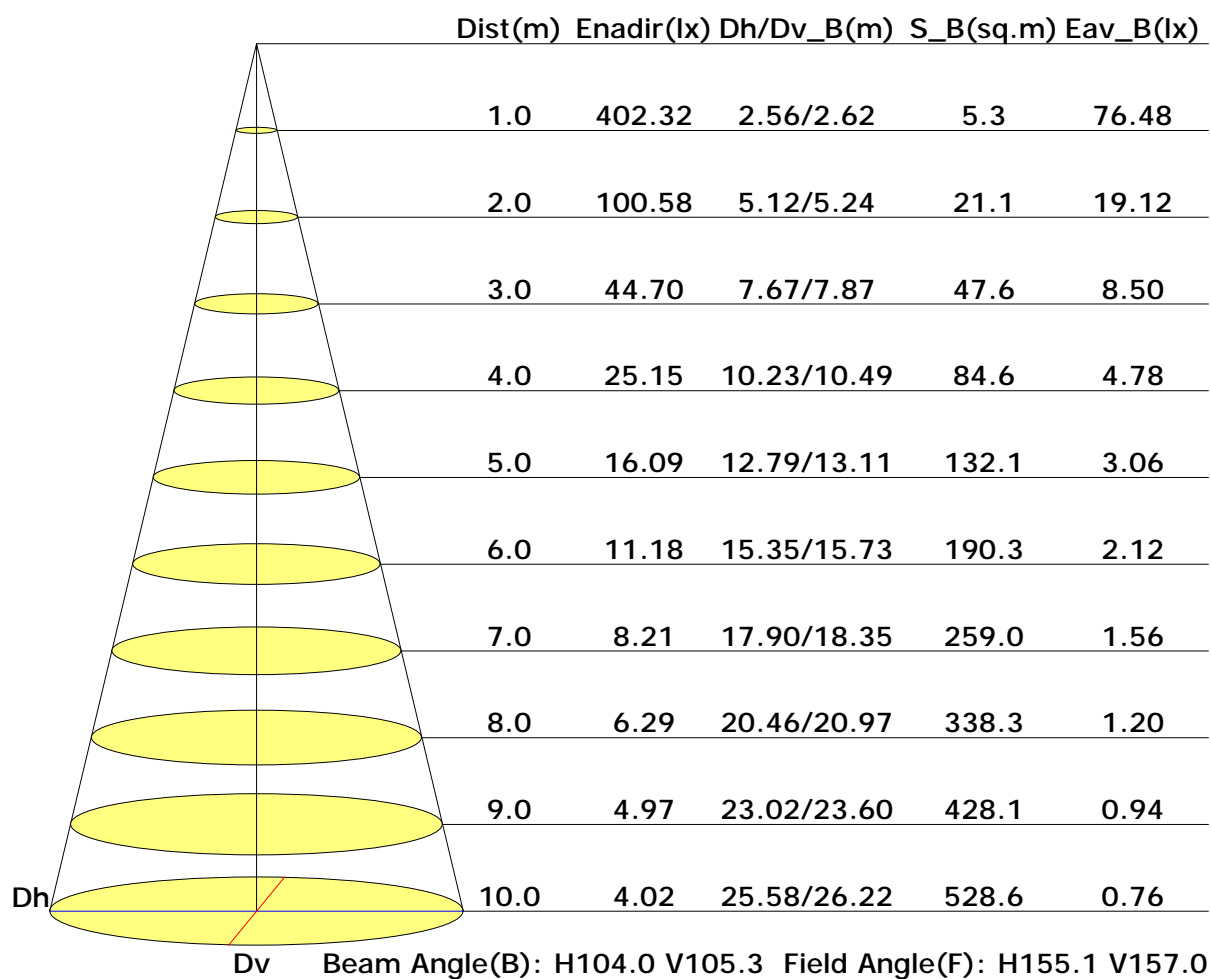


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	17250	15220	13199	11170	9039	6774	4440	2204	440
C90	31562	30180	28663	26809	24519	21445	16961	10686	2958
C180	17745	15748	13733	11701	9552	7269	4928	2619	698
C270	33416	32263	30981	29557	27827	25481	22298	17275	10283

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

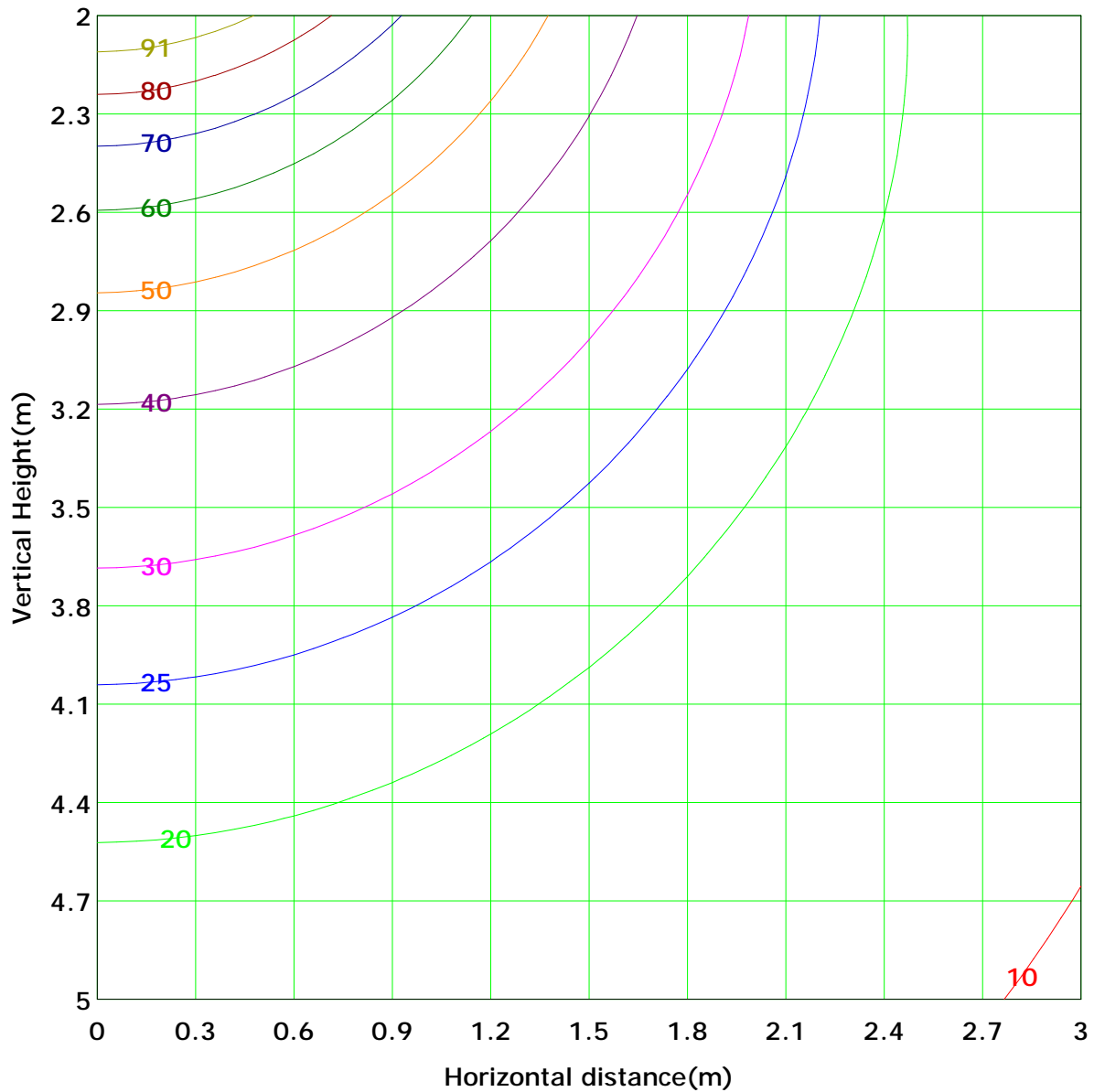
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 100.6 lx
(10%): 10.1 lx	(20%): 20.1 lx	
(25%): 25.1 lx	(30%): 30.2 lx	
(40%): 40.2 lx	(50%): 50.3 lx	
(60%): 60.3 lx	(70%): 70.4 lx	
(80%): 80.5 lx	(90%): 90.5 lx	

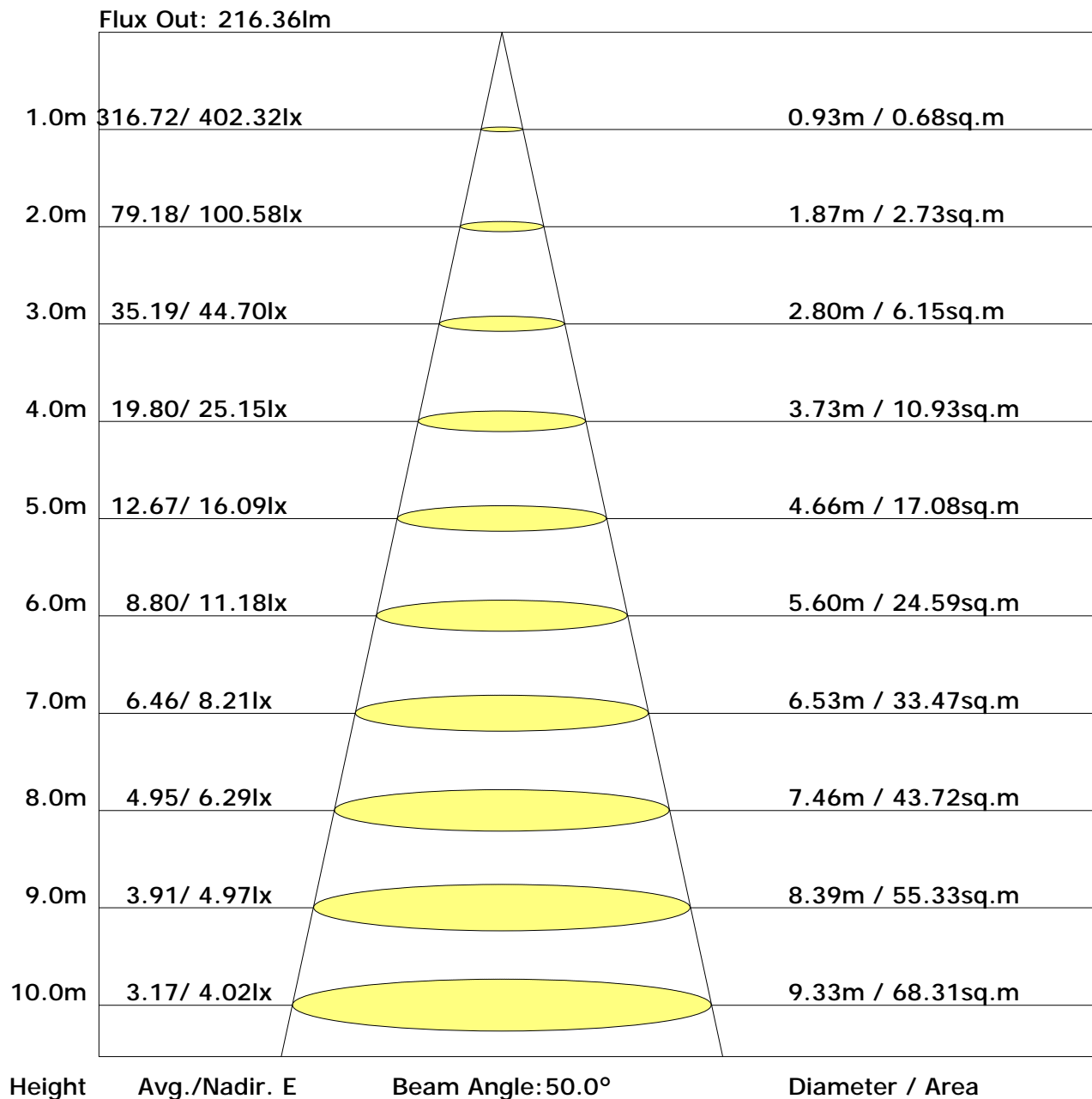
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	22.3	23.9	22.7	24.3	24.6	20.5	22.1	20.9	22.4	22.7
3H	23.9	25.3	24.3	25.7	26.1	21.7	23.1	22.1	23.4	23.8
4H	24.4	25.7	24.8	26.1	26.5	22.0	23.3	22.4	23.7	24.1
6H	24.6	25.8	25.0	26.2	26.6	22.1	23.3	22.5	23.7	24.1
8H	24.6	25.8	25.1	26.2	26.6	22.1	23.2	22.5	23.6	24.1
12H	24.6	25.7	25.1	26.1	26.6	22.0	23.2	22.5	23.6	24.0
X=4H Y=2H	22.7	24.0	23.1	24.4	24.8	21.0	22.4	21.4	22.7	23.1
3H	24.4	25.5	24.8	25.9	26.3	22.4	23.5	22.8	23.9	24.3
4H	24.9	25.9	25.4	26.4	26.8	22.7	23.7	23.2	24.2	24.6
6H	25.2	26.1	25.7	26.6	27.1	22.9	23.7	23.3	24.2	24.7
8H	25.3	26.1	25.8	26.6	27.1	22.9	23.7	23.3	24.1	24.6
12H	25.3	26.0	25.8	26.5	27.0	22.8	23.6	23.3	24.1	24.6
X=8H Y=4H	25.0	25.8	25.5	26.3	26.8	22.9	23.7	23.3	24.1	24.6
6H	25.3	26.0	25.9	26.5	27.0	23.0	23.7	23.6	24.2	24.7
8H	25.4	26.0	25.9	26.5	27.1	23.1	23.7	23.6	24.2	24.7
12H	25.4	26.0	26.0	26.5	27.1	23.0	23.6	23.6	24.1	24.7
X=12H Y=4H	25.0	25.7	25.5	26.2	26.7	22.9	23.6	23.4	24.1	24.6
6H	25.3	25.9	25.9	26.4	27.0	23.0	23.6	23.6	24.1	24.7
8H	25.4	25.9	25.9	26.5	27.1	23.1	23.6	23.6	24.1	24.7

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.25								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.58	0.68	0.76	0.81	0.88	0.93	0.96	1.01	1.04
	0.30		0.50	0.61	0.69	0.74	0.82	0.88	0.92	0.97	1.00
	0.20		0.45	0.55	0.63	0.69	0.77	0.83	0.88	0.94	0.97
0.50	0.50	0.20	0.56	0.66	0.73	0.78	0.85	0.89	0.93	0.97	0.99
	0.30		0.49	0.60	0.67	0.72	0.80	0.85	0.89	0.93	0.97
	0.20		0.44	0.55	0.62	0.68	0.76	0.81	0.85	0.91	0.94
0.30	0.50	0.20	0.55	0.64	0.71	0.75	0.82	0.86	0.89	0.93	0.95
	0.30		0.49	0.58	0.65	0.71	0.78	0.82	0.86	0.90	0.93
	0.20		0.44	0.54	0.61	0.66	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.42	0.51	0.58	0.63	0.70	0.75	0.79	0.83	0.86
Rating: 12W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.25									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.97	0.80	0.67	0.59	0.46	0.38	0.33	0.25	0.20	
	0.30		0.81	0.68	0.59	0.52	0.42	0.35	0.30	0.24	0.20	
	0.20		0.69	0.59	0.52	0.47	0.38	0.33	0.28	0.22	0.19	
0.50	0.50	0.20	0.93	0.76	0.64	0.56	0.44	0.40	0.31	0.24	0.19	
	0.30		0.79	0.66	0.57	0.50	0.40	0.34	0.29	0.23	0.19	
	0.20		0.68	0.58	0.51	0.45	0.37	0.31	0.27	0.21	0.18	
0.30	0.50	0.20	0.90	0.73	0.62	0.53	0.42	0.35	0.29	0.23	0.18	
	0.30		0.77	0.64	0.55	0.48	0.39	0.32	0.28	0.22	0.18	
	0.20		0.67	0.57	0.50	0.44	0.36	0.30	0.26	0.21	0.17	
0.00	0.00	0.00	0.57	0.47	0.41	0.35	0.28	0.24	0.20	0.16	0.13	
Rating: 12W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.17	0.19	0.19	0.20	0.21	0.22	0.22	0.23	0.23	
	0.30		0.11	0.12	0.14	0.15	0.16	0.18	0.18	0.20	0.20	
	0.20		0.06	0.08	0.09	0.10	0.13	0.14	0.15	0.17	0.18	
0.50	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.22	
	0.30		0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.17	0.18	
0.30	0.50	0.20	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Rating: 12W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	396.2	0.4	0.4	0.04	0.04
1.0-2.0	396.0	1.1	1.5	0.11	0.15
2.0-3.0	395.6	1.9	3.4	0.18	0.33
3.0-4.0	395.1	2.6	6.1	0.26	0.58
4.0-5.0	394.3	3.4	9.4	0.33	0.91
5.0-6.0	393.3	4.1	13.6	0.40	1.31
6.0-7.0	392.1	4.9	18.4	0.47	1.78
7.0-8.0	390.8	5.6	24.0	0.54	2.32
8.0-9.0	389.2	6.3	30.3	0.61	2.93
9.0-10.0	387.5	7.0	37.4	0.68	3.60
10.0-11.0	385.6	7.7	45.1	0.74	4.35
11.0-12.0	383.5	8.4	53.5	0.81	5.15
12.0-13.0	381.2	9.0	62.5	0.87	6.03
13.0-14.0	378.8	9.7	72.2	0.94	6.96
14.0-15.0	376.2	10.3	82.5	1.00	7.96
15.0-16.0	373.5	10.9	93.5	1.06	9.01
16.0-17.0	370.6	11.5	105.0	1.11	10.13
17.0-18.0	367.5	12.1	117.1	1.17	11.29
18.0-19.0	364.3	12.7	129.8	1.22	12.52
19.0-20.0	360.9	13.2	143.0	1.27	13.79
20.0-21.0	357.5	13.7	156.7	1.32	15.11
21.0-22.0	353.8	14.2	171.0	1.37	16.49
22.0-23.0	350.1	14.7	185.7	1.42	17.90
23.0-24.0	346.2	15.1	200.8	1.46	19.36
24.0-25.0	342.2	15.6	216.4	1.50	20.86
25.0-26.0	338.1	16.0	232.3	1.54	22.40
26.0-27.0	333.9	16.3	248.7	1.58	23.98
27.0-28.0	329.5	16.7	265.3	1.61	25.59
28.0-29.0	325.1	17.0	282.4	1.64	27.23
29.0-30.0	320.6	17.3	299.7	1.67	28.90
30.0-31.0	316.0	17.6	317.3	1.70	30.59
31.0-32.0	311.2	17.8	335.1	1.72	32.31
32.0-33.0	306.4	18.1	353.1	1.74	34.05
33.0-34.0	301.5	18.3	371.4	1.76	35.81
34.0-35.0	296.6	18.4	389.8	1.78	37.59
35.0-36.0	291.5	18.6	408.4	1.79	39.38

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	286.4	18.7	427.1	1.80	41.18
37.0-38.0	281.3	18.8	445.8	1.81	42.99
38.0-39.0	276.1	18.8	464.7	1.82	44.81
39.0-40.0	270.7	18.9	483.6	1.82	46.63
40.0-41.0	265.3	18.9	502.5	1.82	48.45
41.0-42.0	259.9	18.9	521.3	1.82	50.27
42.0-43.0	254.4	18.9	540.2	1.82	52.09
43.0-44.0	248.9	18.8	559.0	1.81	53.90
44.0-45.0	243.3	18.7	577.7	1.80	55.70
45.0-46.0	237.7	18.6	596.3	1.79	57.50
46.0-47.0	232.0	18.5	614.7	1.78	59.28
47.0-48.0	226.2	18.3	633.0	1.76	61.04
48.0-49.0	220.5	18.1	651.1	1.75	62.79
49.0-50.0	214.7	17.9	669.0	1.73	64.51
50.0-51.0	208.8	17.7	686.7	1.70	66.22
51.0-52.0	202.9	17.4	704.1	1.68	67.90
52.0-53.0	197.1	17.1	721.3	1.65	69.55
53.0-54.0	191.1	16.8	738.1	1.62	71.17
54.0-55.0	185.1	16.5	754.6	1.59	72.77
55.0-56.0	179.1	16.2	770.8	1.56	74.33
56.0-57.0	173.1	15.8	786.7	1.53	75.85
57.0-58.0	167.0	15.4	802.1	1.49	77.34
58.0-59.0	160.9	15.0	817.1	1.45	78.79
59.0-60.0	154.7	14.6	831.8	1.41	80.20
60.0-61.0	148.5	14.2	845.9	1.37	81.57
61.0-62.0	142.3	13.7	859.6	1.32	82.89
62.0-63.0	136.1	13.2	872.9	1.28	84.17
63.0-64.0	129.7	12.7	885.6	1.23	85.40
64.0-65.0	123.4	12.2	897.8	1.18	86.58
65.0-66.0	117.1	11.7	909.5	1.13	87.70
66.0-67.0	110.7	11.1	920.6	1.07	88.78
67.0-68.0	104.4	10.6	931.2	1.02	89.79
68.0-69.0	98.0	10.0	941.2	0.96	90.76
69.0-70.0	91.6	9.4	950.6	0.91	91.67
70.0-71.0	85.3	8.8	959.5	0.85	92.52
71.0-72.0	79.1	8.2	967.7	0.79	93.31

C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	72.9	7.6	975.3	0.74	94.05
73.0-74.0	66.7	7.0	982.3	0.68	94.72
74.0-75.0	60.6	6.4	988.7	0.62	95.34
75.0-76.0	54.5	5.8	994.5	0.56	95.90
76.0-77.0	48.6	5.2	999.7	0.50	96.40
77.0-78.0	42.9	4.6	1004.3	0.44	96.84
78.0-79.0	37.3	4.0	1008.3	0.39	97.23
79.0-80.0	31.9	3.4	1011.7	0.33	97.56
80.0-81.0	26.8	2.9	1014.6	0.28	97.84
81.0-82.0	22.0	2.4	1017.0	0.23	98.07
82.0-83.0	17.5	1.9	1018.9	0.18	98.25
83.0-84.0	13.4	1.5	1020.4	0.14	98.39
84.0-85.0	9.8	1.1	1021.4	0.10	98.49
85.0-86.0	6.7	0.7	1022.2	0.07	98.56
86.0-87.0	4.3	0.5	1022.6	0.05	98.61
87.0-88.0	2.6	0.3	1022.9	0.03	98.64
88.0-89.0	1.6	0.2	1023.1	0.02	98.65
89.0-90.0	1.1	0.1	1023.2	0.01	98.67
90.0-91.0	1.0	0.1	1023.3	0.01	98.68
91.0-92.0	1.0	0.1	1023.4	0.01	98.69
92.0-93.0	1.0	0.1	1023.5	0.01	98.70
93.0-94.0	1.0	0.1	1023.7	0.01	98.71
94.0-95.0	1.1	0.1	1023.8	0.01	98.72
95.0-96.0	1.1	0.1	1023.9	0.01	98.73
96.0-97.0	1.1	0.1	1024.0	0.01	98.74
97.0-98.0	1.2	0.1	1024.2	0.01	98.76
98.0-99.0	1.2	0.1	1024.3	0.01	98.77
99.0-100.0	1.3	0.1	1024.4	0.01	98.78
100.0-101.0	1.3	0.1	1024.6	0.01	98.80
101.0-102.0	1.3	0.1	1024.7	0.01	98.81
102.0-103.0	1.4	0.1	1024.9	0.01	98.82
103.0-104.0	1.4	0.1	1025.0	0.01	98.84
104.0-105.0	1.4	0.2	1025.2	0.01	98.85
105.0-106.0	1.5	0.2	1025.3	0.02	98.87
106.0-107.0	1.5	0.2	1025.5	0.02	98.88
107.0-108.0	1.6	0.2	1025.6	0.02	98.90

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	1.6	0.2	1025.8	0.02	98.92
109.0-110.0	1.7	0.2	1026.0	0.02	98.93
110.0-111.0	1.7	0.2	1026.1	0.02	98.95
111.0-112.0	1.7	0.2	1026.3	0.02	98.97
112.0-113.0	1.8	0.2	1026.5	0.02	98.98
113.0-114.0	1.8	0.2	1026.7	0.02	99.00
114.0-115.0	1.9	0.2	1026.9	0.02	99.02
115.0-116.0	1.9	0.2	1027.1	0.02	99.04
116.0-117.0	2.0	0.2	1027.3	0.02	99.06
117.0-118.0	2.0	0.2	1027.4	0.02	99.07
118.0-119.0	2.0	0.2	1027.6	0.02	99.09
119.0-120.0	2.1	0.2	1027.8	0.02	99.11
120.0-121.0	2.1	0.2	1028.0	0.02	99.13
121.0-122.0	2.2	0.2	1028.3	0.02	99.15
122.0-123.0	2.2	0.2	1028.5	0.02	99.17
123.0-124.0	2.3	0.2	1028.7	0.02	99.19
124.0-125.0	2.3	0.2	1028.9	0.02	99.21
125.0-126.0	2.3	0.2	1029.1	0.02	99.23
126.0-127.0	2.4	0.2	1029.3	0.02	99.25
127.0-128.0	2.4	0.2	1029.5	0.02	99.27
128.0-129.0	2.5	0.2	1029.7	0.02	99.29
129.0-130.0	2.5	0.2	1029.9	0.02	99.31
130.0-131.0	2.6	0.2	1030.1	0.02	99.33
131.0-132.0	2.6	0.2	1030.4	0.02	99.35
132.0-133.0	2.7	0.2	1030.6	0.02	99.38
133.0-134.0	2.7	0.2	1030.8	0.02	99.40
134.0-135.0	2.7	0.2	1031.0	0.02	99.42
135.0-136.0	2.8	0.2	1031.2	0.02	99.44
136.0-137.0	2.8	0.2	1031.4	0.02	99.46
137.0-138.0	2.9	0.2	1031.6	0.02	99.48
138.0-139.0	2.9	0.2	1031.9	0.02	99.50
139.0-140.0	2.9	0.2	1032.1	0.02	99.52
140.0-141.0	3.0	0.2	1032.3	0.02	99.54
141.0-142.0	3.0	0.2	1032.5	0.02	99.56
142.0-143.0	3.1	0.2	1032.7	0.02	99.58
143.0-144.0	3.1	0.2	1032.9	0.02	99.60

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	3.1	0.2	1033.1	0.02	99.62
145.0-146.0	3.2	0.2	1033.3	0.02	99.64
146.0-147.0	3.2	0.2	1033.5	0.02	99.65
147.0-148.0	3.2	0.2	1033.7	0.02	99.67
148.0-149.0	3.3	0.2	1033.8	0.02	99.69
149.0-150.0	3.3	0.2	1034.0	0.02	99.71
150.0-151.0	3.3	0.2	1034.2	0.02	99.73
151.0-152.0	3.4	0.2	1034.4	0.02	99.74
152.0-153.0	3.4	0.2	1034.6	0.02	99.76
153.0-154.0	3.4	0.2	1034.7	0.02	99.78
154.0-155.0	3.5	0.2	1034.9	0.02	99.79
155.0-156.0	3.5	0.2	1035.0	0.02	99.81
156.0-157.0	3.5	0.2	1035.2	0.01	99.82
157.0-158.0	3.5	0.1	1035.3	0.01	99.84
158.0-159.0	3.6	0.1	1035.5	0.01	99.85
159.0-160.0	3.6	0.1	1035.6	0.01	99.86
160.0-161.0	3.6	0.1	1035.8	0.01	99.88
161.0-162.0	3.6	0.1	1035.9	0.01	99.89
162.0-163.0	3.7	0.1	1036.0	0.01	99.90
163.0-164.0	3.7	0.1	1036.1	0.01	99.91
164.0-165.0	3.7	0.1	1036.2	0.01	99.92
165.0-166.0	3.7	0.1	1036.3	0.01	99.93
166.0-167.0	3.8	0.1	1036.4	0.01	99.94
167.0-168.0	3.8	0.1	1036.5	0.01	99.95
168.0-169.0	3.8	0.1	1036.6	0.01	99.96
169.0-170.0	3.8	0.1	1036.7	0.01	99.96
170.0-171.0	3.8	0.1	1036.7	0.01	99.97
171.0-172.0	3.8	0.1	1036.8	0.01	99.98
172.0-173.0	3.9	0.1	1036.9	0.01	99.98
173.0-174.0	3.9	0.0	1036.9	0.00	99.99
174.0-175.0	3.9	0.0	1037.0	0.00	99.99
175.0-176.0	3.9	0.0	1037.0	0.00	99.99
176.0-177.0	3.9	0.0	1037.0	0.00	100.00
177.0-178.0	3.9	0.0	1037.0	0.00	100.00
178.0-179.0	3.9	0.0	1037.0	0.00	100.00
179.0-180.0	3.9	0.0	1037.0	0.00	100.00

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector: